# SHEET A

# (Complete at Time of Grant Offer)

Applicant and County: City of Philada
Applicant and County: City of Philadelphia - Water Department
Project No.:  Date of Grant Offer:
Teatment, Plants
did Delaware Pi
2. Receiving Stream: Delaware River
3. Present Pop.: 1,340,000
<ol> <li>Present Pop.: 1,340,000 4. Present Pop. Served: 950,000</li> <li>Present Flow: 134 mgd</li> </ol>
6. Design Population and Flow (San
6. Design Population and Flow (Sewage Treatment Plant Only): 2,100,000 @
7. Degree of Treatment (a)
7. Degree of Treatment (check one): ( ) Primary (X) Secondary ( ) Tertiary 8. Type:Activated sludge.
Tertiary ( ) Tertiary
9. Major Source
9. Major Sewage Treatment Plant Components: Grit removal, primary settling, aeration, final settling, chlorination, separate
aeration, final settling, chlorination, separate
aeration, final settling, chlorination, separate anaerobic sludge di-
10. Estimated Construction Cost of Transl
11. Estimated Construction Cost of Pumping Facilities: \$ 73,700,000
12. Estimated Construction Cost of Pumping Facilities: \$
13. Total Estimated Fig.
(Incl. Const., Engr., Adm., Legal
14. Project Status: Initiate construction October 1, 1973.
onstituction October 1, 1973.

# SHEET A

# (Complete at Time of Grant Offer)

Applicant and County: City of Philadelphia - Water Department Project No.:
Project and City of Philadelphia - Water Department
Project No.:
Project No.:  Date of Grant Offer:
confluence of the Schuylkill and Delaware Rivers.  2. Receiving Stream: Delaware River
CILL III DUTOSCO TO
2. Receiving Stream: Delaware River
belaware River
3. Present Pon
<ol> <li>Present Pop.: 1,340,000</li> <li>Present Pop. Served: 950,000</li> <li>Present Flow: 134 mgd</li> </ol>
5. Present Flow: 134 mgd
6. Design Population and Flow (Sewage Treatment Plant Only): 2,100,000 @
Sewage Treatment Plant Onl
120 mgd based on 100 gpcd. 2,100,000 @
7. Degree of m
Treatment (check one). () P
8. Type: <u>Activated sludge.</u> ( ) Frimary (x) Secondary ( ) Tertiary
Activated sludge.
9. Major Sewage Treatment Plant C
9. Major Sewage Treatment Plant Components: Grit removal, primary settling, aeration, final settling, chlorination, departs
aeration, final settling, chlorination, separate anaerobic sludge di-
gestion gestion, separate anaerobic sludge da
gestion. gestion.
O. Estimated Construction Cost of Treatment Facilities: \$ 73,700,000
oshsoruction Cost of Treatment Facilities #
1. Estimated Construction Cost
1. Estimated Construction Cost of Pumping Facilities: \$ 73,700,000
Estimated Construction Cost of Tel
2. Estimated Construction Cost of Intercepting Sewers: \$
\$ 84.825 000
Project Status.
Project Status: Initiate construction October 1, 1973.
1, 19/3.

### OFFICE MEMORANDUM

#### DATE:

TO

: Acting Director, Division of Facilities

Construction and Operation

FROM

: Facilities Office

Middle Atlantic Region

SUBJECT:

Information for Project Summary Records

Project:

City of Philadelphia - Southwest

Design:

210 MGD

Population Served:

950,000

## Population Equivalents:

Raw B

1,340,000

Eff B

643,200

(Based on 52% removal)

Raw A

1,440,000

Eff A

128,400

(Based on stream load allocation equivalent of 21,830 lbs BOD per day and 0.17 lb BOD per capita)

Design 2,100,000

Other Related Projects:

### OFFICE MEMORANDUM

DATE:

TO

: Acting Director, Division of Facilities

Construction and Operation

FROM

Facilities Office

Middle Atlantic Region

SUBJECT:

Information for Project Summary Records

Project: City of Philadelphia - Southwest

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Design 2,100,000

Other Related Projects: